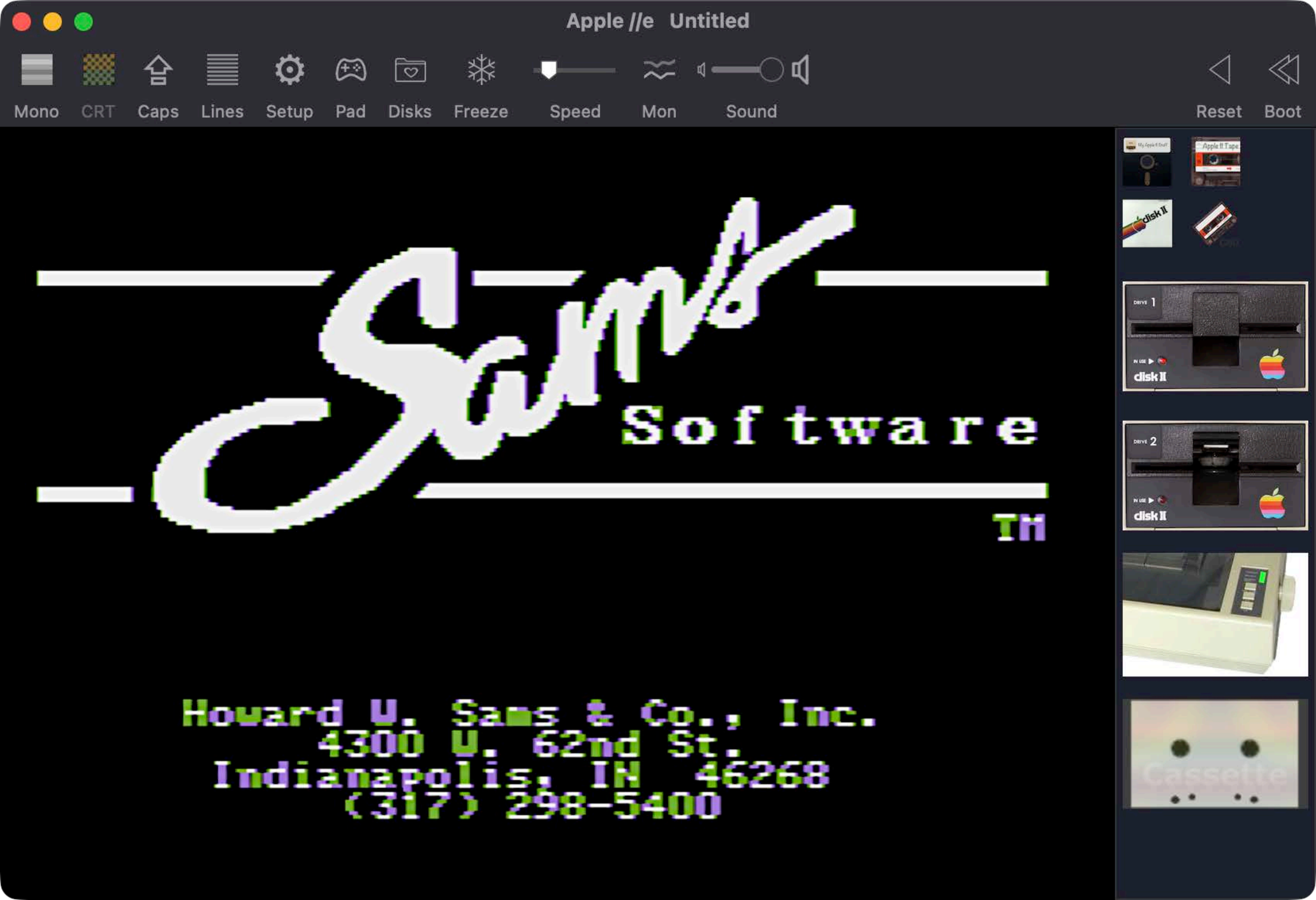
Apple //e Untitled
Mono
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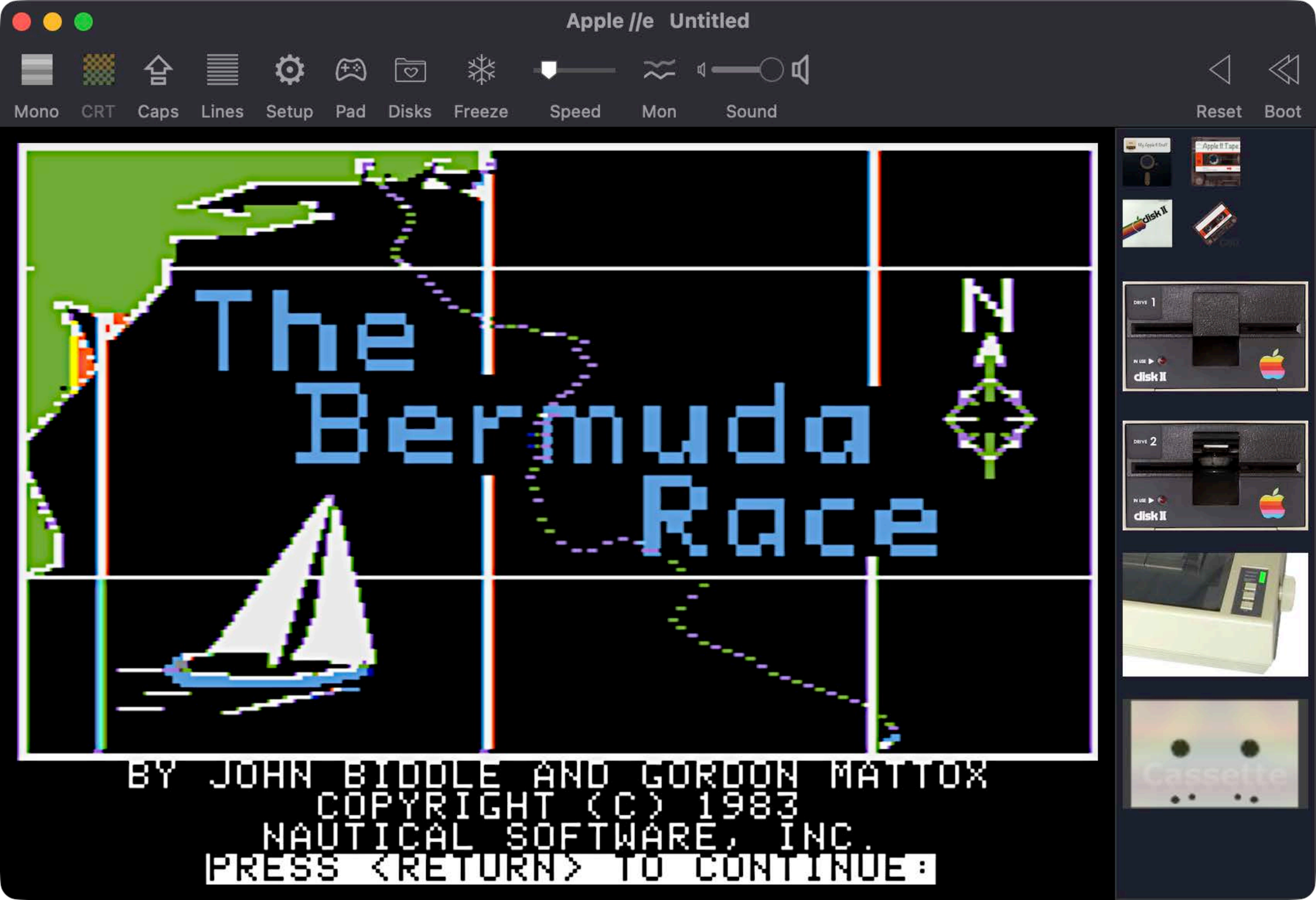
Freeze
Speed
Mon
Sound
Reset
Boot
Sams
Software
TH
Howard W. Sams & Co., Inc.
4300 W. 62nd St.
Indianapolis, IN 46268
(317) 298-5400
disk II
disk II
Cassette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The Bermuda Race
BY JOHN BIDDLE AND GORDON MATTOX
COPYRIGHT (C) 1983
NAUTICAL SOFTWARE, INC.
PRESS <RETURN> TO CONTINUE:

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```
**********************************************
**                                          **
**          BERMUDA  RACE  MENU             **
**                                          **
**********************************************

1..SIMPLIFIED  SAILING  INSTRUCTIONS
2..COURSE  DESCRIPTION  AND  POINTERS
3..BERMUDA  RACE
4..TO  QUIT

. . . . . .

PLEASE PICK A NUMBER (1 THRU 4) ?
```

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```
**************************
* INTRODUCTION TO SAILING *
**************************

  1..THE BOAT
  2..SAILS
  3..THE COMPASS
  4..BASIC SAILING
  5..NAVIGATION
  6..GO TO MAIN MENU


PICK A NUMBER (1 THRU 6)
OR TYPE  E  TO END
```

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```
COMPASS HEADINGS ARE VERY IMPORTANT
TO THE YACHTSMAN, PILOT OR EVEN
THE ADVENTURER LOST ON THE AMAZON!

THE MOST COMMON TYPE OF COMPASS
IS THE MAGNETIC COMPASS, WHICH IS
SIMPLY A SMALL BAR MAGNET ATTACHED
TO A COMPASS CARD.

THE BAR MAGNET, IF FREE TO SWING,
WILL ALIGN ITSELF WITH THE EARTH'S
MAGNETIC FIELD AND WILL POINT
TO 'MAGNETIC NORTH'.
```

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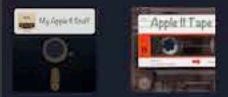
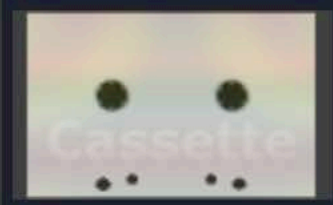
COMPASS

360
315 045
N
270-W-E-090
S
225 135
180

A COMPASS IS DIVIDED INTO 360 DEGREES
AS SHOWN ABOVE
TYPE ANY KEY TO CONTINUE (ESC TO EXIT)





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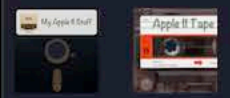
```
THE MOST COMMON TYPES OF SAILING
RIGS ARE AS FOLLOWS:

  SLOOP: ONE MAST, FORWARD OF MIDSHIPS
  KETCH: TWO MASTS, LARGER ONE FORWARD
  YAWL: 2 MASTS, SMALLER ONE AFT OF WHEEL
  SCHOONER: TWO OR MORE MASTS
  CUTTER: ONE MAST AMIDSHIPS
  CATBOAT: ONE MAST FAR FORWARD, 1 SAIL

THE BOAT YOU WILL USE FOR THE
RACE WILL BE A SLOOP!
```



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NOTICE THAT THE SLOOP HAS ONE MAST

TYPE ANY KEY TO CONTINUE (ESC TO EXIT)

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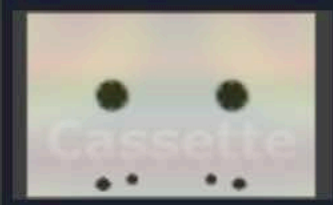
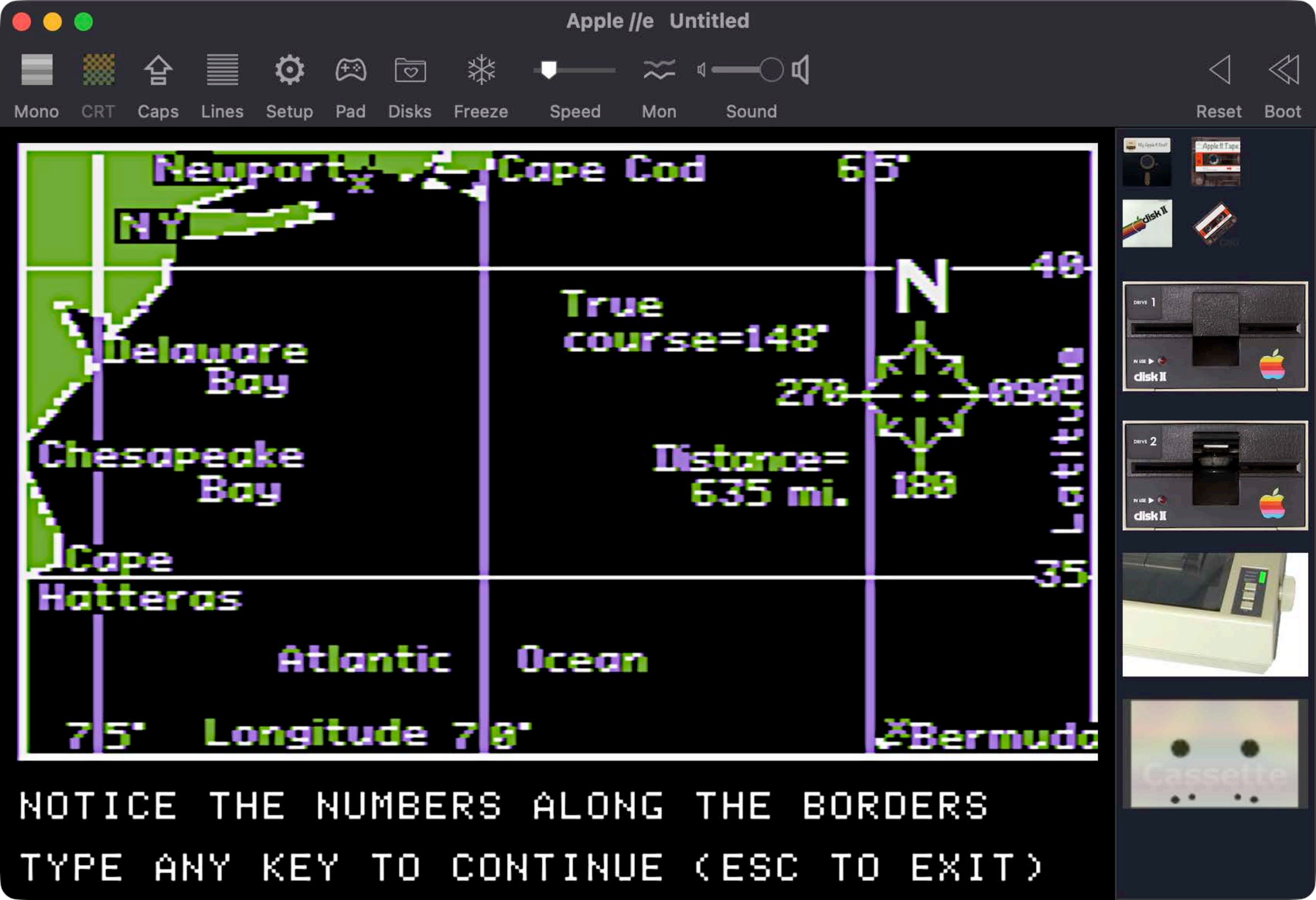
DIRECTIONS ABOARD

WHICH IS THE WINDWARD SIDE? port
SORRY! THE PORT SIDE IS TO WINDWARD!
TYPE ANY KEY TO CONTINUE (ESC TO EXIT)




Apple //e Untitled
Mono
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Caps
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Pad
Disks
Freeze
Speed
Mon
Sound
Reset
Boot
Newport
Cape Cod
NY
N
40
True
course=148°
Delaware
Bay
270
090
180
Distance=
635 mi.
Chesapeake
Bay
Cape
Hatteras
35
Atlantic
Ocean
75°
Longitude 70°
Bermuda
NOTICE THE NUMBERS ALONG THE BORDERS
TYPE ANY KEY TO CONTINUE (ESC TO EXIT)

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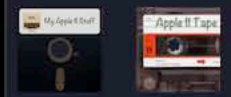
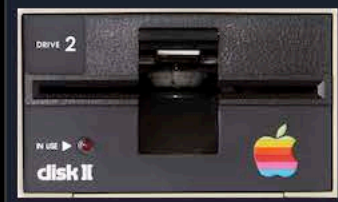
```
**********************
*  POINTERS MENU     *
**********************

1..RACE DESCRIPTION
2..KEYBOARD COMMANDS
3..SAIL MANAGEMENT
4..SAILING PERFORMANCE
5..CENTERBOARD OPERATION
6..RETURN TO MAIN MENU


PLEASE PICK A NUMBER (1 THRU 6)
OR TYPE ( E ) TO END ※
```





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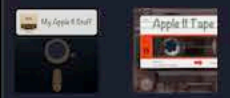
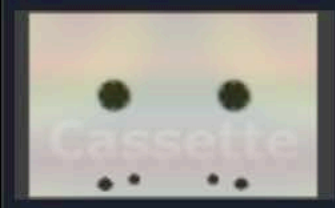
```
THE OBJECT IN THIS BERMUDA RACE SIMU-
LATION IS TO SAIL AN 80 FT.'MAXI'
RACING SAILBOAT FROM NEWPORT, R.I.
TO BERMUDA.  YOUR GOAL IS TO SAIL
THAT DISTANCE, ABOUT 635 MILES,
FASTER THAN THE EXISTING RECORDS.

WHEN YOU MAKE YOUR FIRST MOVE IN THE
SIMULATION, YOU WILL SEE A CHART OF
THE NEWPORT AREA.  FROM THAT TIME,
YOU WILL HAVE 20 SECONDS TO CHOOSE
A HEADING IN ORDER TO STEER YOUR
BOAT ACROSS THE STARTING LINE.

ONE HOUR ELAPSES FOR EACH MOVE YOU
MAKE, EXCEPT AT THE START AND END OF
THE RACE WHEN EACH TURN ADDS .25
HR. TO A PLAYER'S TOTAL ELAPSED TIME.


TYPE ANY KEY TO CONTINUE (ESC TO EXIT)
```





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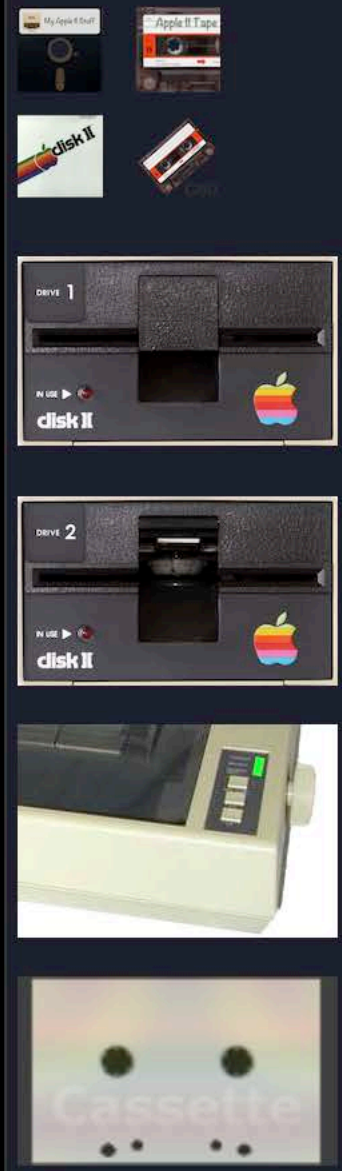
Pad
Disks
Freeze
Speed
Mon
Sound
Reset
Boot
Newport
Cape Cod
NY
N
40
True
course=148°
Delaware
Bay
270
090
180
Chesapeake
Bay
Distance=
635 mi.
Cape
Hatteras
35
Atlantic
Ocean
75°
Longitude 70°
Bermuda
THIS IS THE RHUMB (DIRECT) LINE
COURSE TO BERMUDA.
TYPE ANY KEY TO CONTINUE (ESC TO EXIT)

```
          **********************
          * CHANGING HEADING *
          **********************

  <--     STEER TO PORT (DECREASE
           HEADING)
  -->     STEER TO STARBOARD (INCREASE
           HEADING)
RETURN    ACCEPTS HEADING SHOWN

                -- OR --

USE GAME PADDLES TO SET COURSE DESIRED,
THEN PRESS GAME PADDLE BUTTON TO ACCEPT
HEADING SHOWN.




TYPE ANY KEY TO CONTINUE (ESC TO EXIT)
```



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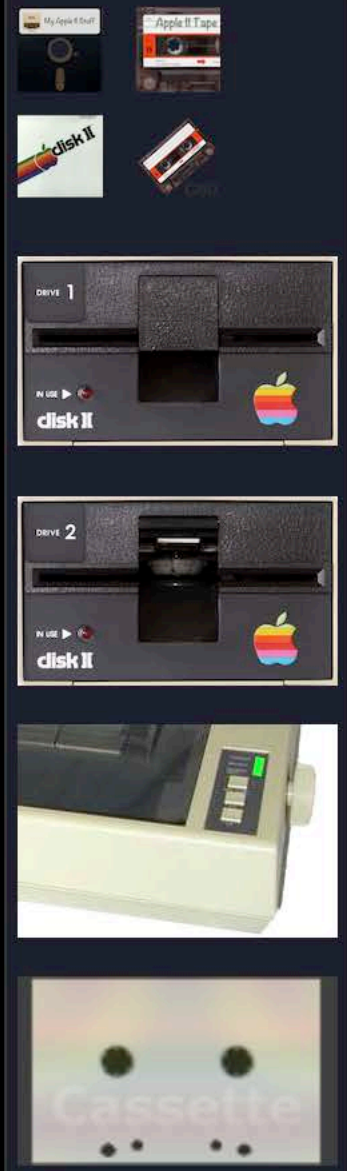
```
          **************************
          * KEYBOARD COMMANDS      *
          **************************


 [X]      TO CHANGE METHOD OF SETTING COURSE

 [K]      TO CHANGE CENTERBOARD POSITION
          [U]  UP ONE POSITION
          [D]  DOWN ONE POSITION

 [S]      TO CHANGE AMOUNT OF SAIL SET
          [A]  ADD AN AMOUNT OF SAIL
          [D]  DECREASE AN AMOUNT OF SAIL

 [C]      FOR CHART AND PLOT OF PROGRESS

 [R]      STATUS REPORT

 [H]      HELP WITH COMMANDS


TYPE ANY KEY TO CONTINUE (ESC TO EXIT)
```



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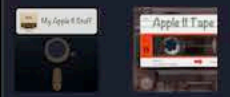
```
1 OR 2 PLAYERS? ==> 1


INPUT COURSE CHANGES BY:
   GAME PADDLES.........'P'
   ARROW KEYS (<--,-->)...'A'
        CHOOSE 'P' OR 'A':
```



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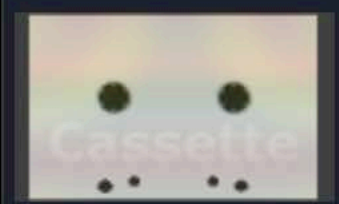
```
REGISTRATION
------------------------------------

NAME OF YACHT :    MCYACHTFACE
                   ---------------
CAPTAIN       :    YACHTY
                   ---------
DATE (MO/DA/YR) :  08/28/26
                   -- -- --
```



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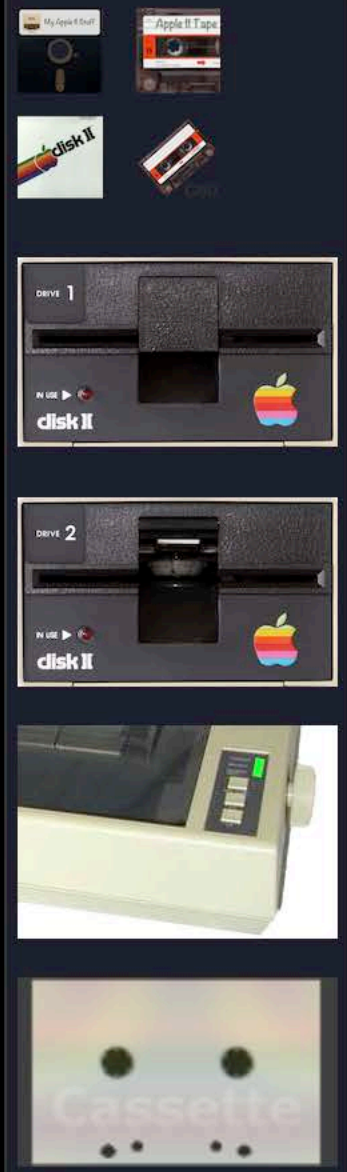
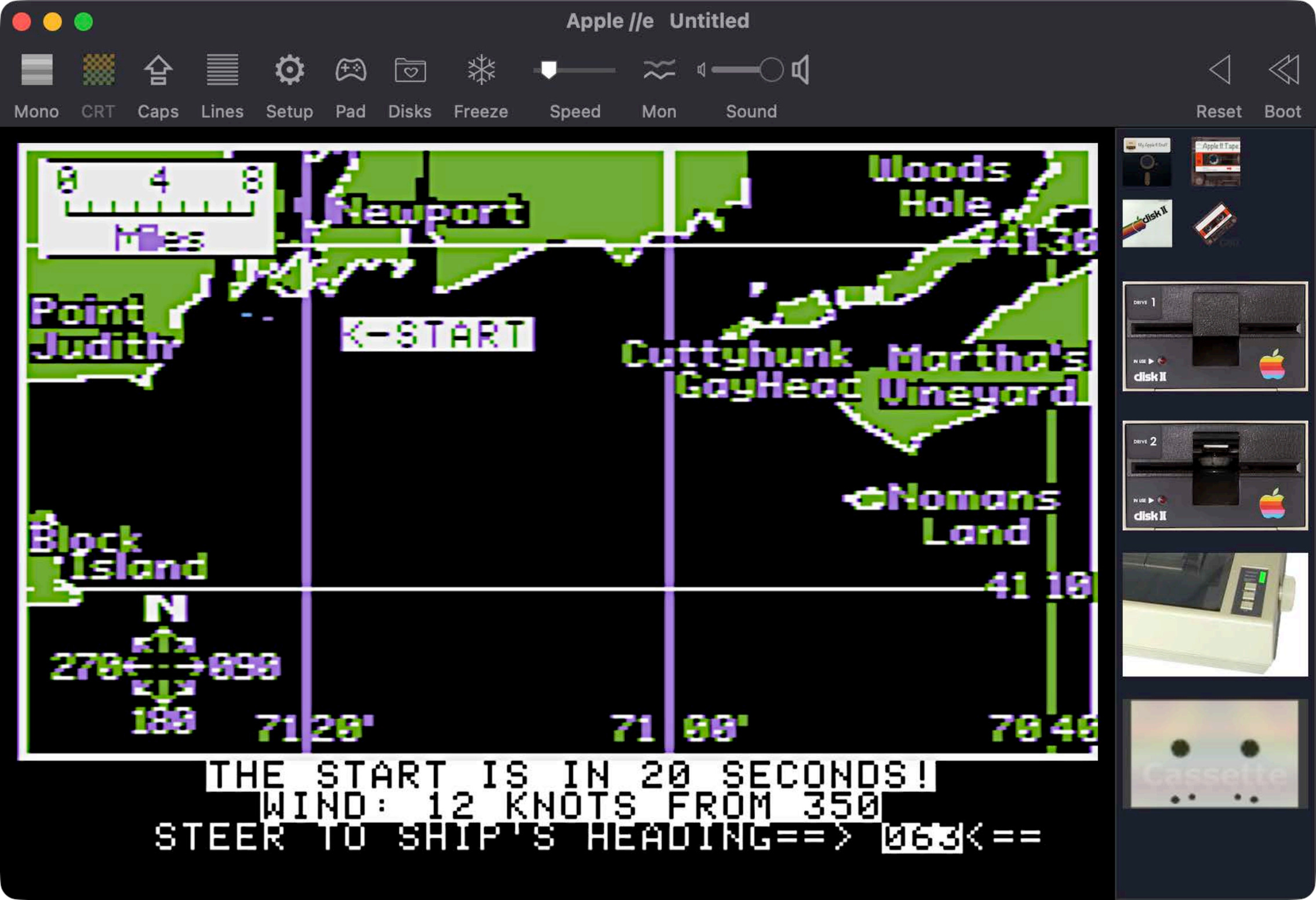
```
    THE RACE IS ABOUT TO BEGIN!

THE START OF THE BERMUDA RACE IS NEAR
BRENTON REEF LIGHT OFF OF NEWPORT
IN RHODE ISLAND SOUND.

THE BOATS ARE MANEUVERING FOR POSITION!

AS SOON AS THE COUNTDOWN STARTS, BEGIN
TO STEER YOUR BOAT TO THE CORRECT
HEADING TO CROSS THE STARTING LINE!




PRESS <RETURN> TO CONTINUE
```

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Mon
Sound
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Boot
8 4 8
Miles
Newport
Woods Hole
Point Judith
START
Cuttyhunk
Martha's Vineyard
Nomans Land
Block Island
N
270
090
180
71 20'
71 00'
41 36
41 10
70 46
THE START IS IN 20 SECONDS!
WIND: 12 KNOTS FROM 350
STEER TO SHIP'S HEADING==> 063 <==

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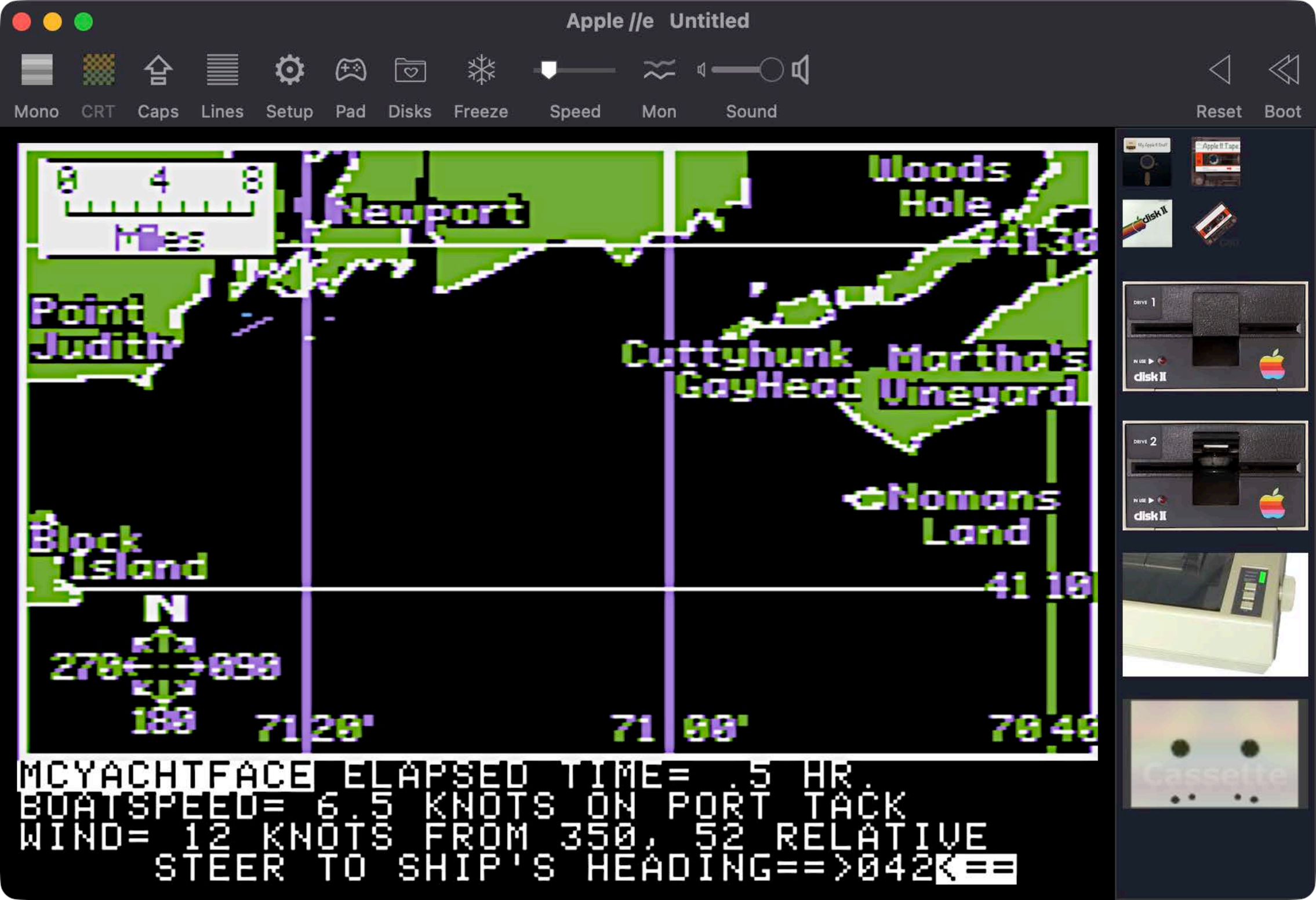
```
          YACHT  MCYACHTFACE
WIND DIRECTION= 350
WINDSPEED= 12 KNOTS
RELATIVE WIND ANGLE= 102

SHIP'S HEADING= 092
BOATSPEED= 9.2 KNOTS ON PORT TACK
LUFF ANGLE= 33

SAILS SET= 2000 SQ. FT.
CENTERBOARD POSITION: FULL DOWN
WAVE HEIGHT= 2 FT.

ELAPSED TIME= .25 HR.
TRUE COURSE TO BERMUDA= 148 DEGREES
DISTANCE= 626.1 MILES

**************************************************



     STEER TO SHIP'S HEADING==>092<==
```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Mono
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Disks
Freeze
Speed
Mon
Sound
Reset
Boot
Newport
Woods
Hole
Point
Judith
Cuttyhunk
Martha's
Vineyard
Nomans
Land
Block
Island
N
MCYACHTFACE ELAPSED TIME= .5 HR.
BOATSPEED= 6.5 KNOTS ON PORT TACK
WIND= 12 KNOTS FROM 350, 52 RELATIVE
STEER TO SHIP'S HEADING==>042